



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

**Region 6 Laboratory**

Environmental Services Branch  
10625 Fallstone Road, Houston, TX 77099  
Phone: (281)983-2100 Fax: (281)983-2248

**Final Analytical Report**

Site Name -----Oil Trust Fund  
Sample Collection Date(s)-- 06/16/10  
Contact----- Rich Mayer (6PD-F)  
Report Date-----06/23/10  
Project #----- 10REG177  
Work Order(s)-----1006018

**Analyses included in this report:**

LC DOSS

**Report Narrative**

Sample Management:

This report contains the LC DOSS results only. The VOA, ABN, Pest/PCB, Total Metals, and Toxicity results will be reported as soon as they are available.

Standard procedures for quality assurance and quality control were followed in the analysis and reporting of the sample results. The results apply only to the samples tested. This final report should only be reproduced in full.

Reporting limits are adjusted for sample size and matrix interference.

Report Approvals:

\_\_\_\_\_  
Richard McMillin  
Region 6 Laboratory Manager

\_\_\_\_\_  
David Neleigh  
Region 6 Laboratory Branch Chief



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Environmental Services Branch Laboratory

10625 Fallstone Road  
Houston, Texas 77099

**Sample Receipt and Disposal**

Site Name: Oil Trust Fund

Project Number: 10REG177

Data Management Coordinator: Christy Warren

\_\_\_\_\_  
Data Management Coordinator Signature

\_\_\_\_\_  
Date

Date Transmitted: \_\_\_\_/\_\_\_\_/\_\_\_\_

Please have the U.S. EPA Project Manager/Officer call the Data Management Coordinator at 3-2137 for any comments or questions.

Please sign and date this form below and return it with any comments to:

Christy Warren  
Data Management Coordinator  
Region 6 Laboratory  
6MD-HS

\_\_\_\_\_  
Received by and Date

Comments:

The laboratory routinely disposes of samples 90 days after all analyses have been completed. If you have a need to hold these samples in custody longer than 90 days, please sign below.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Please provide a reason for holding:



Environmental Protection Agency  
**Region 6 Laboratory**

10625 Fallstone Road, Houston, TX 77099  
Phone:(281)983-2100 Fax:(281)983-2248

**ANALYTICAL REPORT FOR SAMPLES**

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
T007-0006-100616-SW-1	1006018-01	Liquid	6/16/10 9:05	06/17/10 14:19
T007-1331-100616-SW-1	1006018-02	Liquid	6/16/10 10:50	06/17/10 14:19
T007-1332-100616-SW-1	1006018-03	Liquid	6/16/10 11:55	06/17/10 14:19
T007-SG020-100616-SW-1	1006018-04	Liquid	6/16/10 9:55	06/17/10 14:19
T005-SC031-100616-SW-1	1006018-06	Liquid	6/16/10 9:15	06/17/10 14:19
T001-2002-100616-SW-1	1006018-08	Liquid	6/16/10 11:00	06/17/10 14:19



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**DOSS by LC/MS/MS**

**Lab ID: 1006018-01**

**Station ID: T007-0006-100616-SW-1**

Batch: B0F1803

Date Collected: 06/16/10

Sample Type: Liquid

Sample Volume: 10 ml

Sample Qualifiers:

**Targets**

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Di(2-ethylhexyl) sodium sulfosuccinate (577-11-7)	U		20.0	1	06/18/10	06/19/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.



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**DOSS by LC/MS/MS**

**Lab ID: 1006018-02**

**Station ID: T007-1331-100616-SW-1**

Batch: B0F1803

Date Collected: 06/16/10

Sample Type: Liquid

Sample Volume: 10 ml

Sample Qualifiers:

**Targets**

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Di(2-ethylhexyl) sodium sulfosuccinate (577-11-7)	U		20.0	1	06/18/10	06/19/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.



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**DOSS by LC/MS/MS**

**Lab ID: 1006018-03**

**Station ID: T007-1332-100616-SW-1**

Batch: B0F1803

Date Collected: 06/16/10

Sample Type: Liquid

Sample Volume: 10 ml

Sample Qualifiers:

**Targets**

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Di(2-ethylhexyl) sodium sulfosuccinate (577-11-7)	U		20.0	1	06/18/10	06/19/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.



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**DOSS by LC/MS/MS**

**Lab ID: 1006018-04**

**Station ID: T007-SG020-100616-SW-1**

Batch: B0F1803

Date Collected: 06/16/10

Sample Type: Liquid

Sample Volume: 10 ml

Sample Qualifiers:

**Targets**

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Di(2-ethylhexyl) sodium sulfosuccinate (577-11-7)	U		20.0	1	06/18/10	06/19/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.



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**DOSS by LC/MS/MS**

**Lab ID: 1006018-06**

**Station ID: T005-SC031-100616-SW-1**

Batch: B0F1803

Date Collected: 06/16/10

Sample Type: Liquid

Sample Volume: 10 ml

Sample Qualifiers:

**Targets**

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Di(2-ethylhexyl) sodium sulfosuccinate (577-11-7)	U		20.0	1	06/18/10	06/19/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.





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**DOSS by LC/MS/MS**

**Lab ID: 1006018-08**

**Station ID: T001-2002-100616-SW-1**

Batch: B0F1803

Date Collected: 06/16/10

Sample Type: Liquid

Sample Volume: 10 ml

Sample Qualifiers:

**Targets**

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Di(2-ethylhexyl) sodium sulfosuccinate (577-11-7)	U		20.0	1	06/18/10	06/19/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.



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**DOSS by LC/MS/MS - Quality Control**

**Batch: B0F1803**

**Sample Type: Liquid**

**Blank (B0F1803-BLK1)**

Prepared: 6/18/2010 Analyzed: 6/19/2010

**Targets**

ANALYTE	Result µg/l	Analyte Reporting Qualifiers Limit
Di(2-ethylhexyl) sodium sulfosuccinate	U	20.0

**LCS (B0F1803-BS2)**

Prepared: 6/18/2010 Analyzed: 6/19/2010

**Targets**

ANALYTE	Result µg/l	Analyte Reporting Qualifiers Limit	Spike Level	%REC Limits
Di(2-ethylhexyl) sodium sulfosuccinate	100	20.0	104	96.5 50-150

**Duplicate (B0F1803-DUP1)**

**Source: 1006018-01**

Prepared: 6/18/2010 Analyzed: 6/19/2010

**Targets**

ANALYTE	Result µg/l	Analyte Reporting Qualifiers Limit	Spike Level	Source Result	RPD RPD Limit
Di(2-ethylhexyl) sodium sulfosuccinate	U	20.0		U	30

**Duplicate (B0F1803-DUP2)**

**Source: 1006018-02**

Prepared: 6/18/2010 Analyzed: 6/19/2010

**Targets**

ANALYTE	Result µg/l	Analyte Reporting Qualifiers Limit	Spike Level	Source Result	RPD RPD Limit
Di(2-ethylhexyl) sodium sulfosuccinate	U	20.0		U	30



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**DOSS by LC/MS/MS - Quality Control**

**Batch: B0F1803**

**Sample Type: Liquid**

**Duplicate (B0F1803-DUP3)**

**Source: 1006018-03**

Prepared: 6/18/2010 Analyzed: 6/19/2010

**Targets**

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD RPD Limit
Di(2-ethylhexyl) sodium sulfosuccinate	U		20.0		U	30

**Duplicate (B0F1803-DUP4)**

**Source: 1006018-04**

Prepared: 6/18/2010 Analyzed: 6/19/2010

**Targets**

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD RPD Limit
Di(2-ethylhexyl) sodium sulfosuccinate	U		20.0		U	30

**Duplicate (B0F1803-DUP5)**

**Source: 1006018-06**

Prepared: 6/18/2010 Analyzed: 6/19/2010

**Targets**

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD RPD Limit
Di(2-ethylhexyl) sodium sulfosuccinate	U		20.0		U	30

**Duplicate (B0F1803-DUP6)**

**Source: 1006018-08**

Prepared: 6/18/2010 Analyzed: 6/19/2010

**Targets**

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD RPD Limit
Di(2-ethylhexyl) sodium sulfosuccinate	U		20.0		U	30



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**DOSS by LC/MS/MS - Quality Control**

**Batch: B0F1803**

**Sample Type: Liquid**

**Matrix Spike (B0F1803-MS1)**

**Source: 1006018-08**

Prepared: 6/18/2010 Analyzed: 6/19/2010

**Targets**

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC Limits
Di(2-ethylhexyl) sodium sulfosuccinate	47.1		20.0	52.0	U	90.5 50-150

**Matrix Spike Dup (B0F1803-MSD1)**

**Source: 1006018-08**

Prepared: 6/18/2010 Analyzed: 6/19/2010

**Targets**

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC Limits	RPD Limit
Di(2-ethylhexyl) sodium sulfosuccinate	50.0		20.0	52.0	U	96.2 50-150	6.06 30

Sample Temp =  $30^{\circ}\text{C}$

# Environmental Protection Agency Region 6 Laboratory

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## CHAIN OF CUSTODY RECORD

R06\_Deepwater\_Grand\_Isle  
Contact Name: Kristie Warr  
Contact Phone: 832-444-7976

No: T0033-100403-100616-0041

Cooler #: 2  
Lab: U.S. EPA Region 6 Laboratory  
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Preservative
	T007-0006-100616-SW-1	SVOC	Surface Water	Grab	6/16/2010	09:05	4 C
	T007-0006-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	09:05	HNO3 and 4 C
	T007-0006-100616-SW-1	Pest/PCBs	Surface Water	Grab	6/16/2010	09:05	4 C
	T007-0006-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	09:05	4 C
	T007-1331-100616-SW-1	SVOC	Surface Water	Grab	6/16/2010	10:50	4 C
	T007-1331-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	10:50	HNO3 and 4 C
	T007-1331-100616-SW-1	Pest/PCBs	Surface Water	Grab	6/16/2010	10:50	4 C
	T007-1331-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	10:50	4 C
	T007-1332-100616-SW-1	SVOC	Surface Water	Grab	6/16/2010	11:55	4 C
	T007-1332-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	11:55	HNO3 and 4 C
	T007-1332-100616-SW-1	Pest/PCBs	Surface Water	Grab	6/16/2010	11:55	4 C
	T007-1332-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	11:55	4 C
	T007-SG020-100616-SW-1	SVOC	Surface Water	Grab	6/16/2010	09:55	4 C
	T007-SG020-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	09:55	HNO3 and 4 C
	T007-SG020-100616-SW-1	Pest/PCBs	Surface Water	Grab	6/16/2010	09:55	4 C
	T007-SG020-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	09:55	4 C
	LAST LINE FA 6/16/10						

Special Instructions:

SAMPLES TRANSFERRED FROM  
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All		6/16/10	Chelson	6/16/10	19:21			6/17/10	Christy Warr	6/17/10	14:19

Sample Temp = 20C

# Environmental Protection Agency Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099  
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## CHAIN OF CUSTODY RECORD

R06\_DeepWater\_Chalmette  
Contact Name: Kristie Warr  
Contact Phone: 713-985-6636

No: T0033-100402-20100616-001

Airbill No: N/A  
Lab: U.S. EPA Region 6 Laboratory  
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative
	T005-C-100616-TB-2	VOCs	Blank	Grab	6/16/2010		3	40 ml VOA	HCL
	T005-SC031-100616-SW-1	VOCs	Surface Water	Grab	6/16/2010	09:15	3	40 ml VOA	HCL
	T005-SC031-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	09:15	1	1 Gallon Container	None
	T005-SC031-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	09:15	2	500 ml Poly	HNO3

Special Instructions:

SAMPLES TRANSFERRED FROM  
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	<i>[Signature]</i>	6/16/10	<i>[Signature]</i>	6/16/10	20:17		<i>[Signature]</i>	6/17/10	<i>[Signature]</i>	6/17/10	14:19

Sample Temp = 20C





# Environmental Protection Agency Region 6 Laboratory

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Page 1 of 1

## CHAIN OF CUSTODY RECORD

R06\_Deepwater\_Grand\_Isle  
Contact Name: Kristie Warr  
Contact Phone: 832-444-7976

No: T0033-100403-100616-0041

Cooler #:

Lab: U.S. EPA Region 6 Laboratory  
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Preservative
	T007-0006-100616-SW-1	SVOC	Surface Water	Grab	6/16/2010	09:05	4 C
	T007-0006-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	09:05	HNO3 and 4 C
	T007-0006-100616-SW-1	Pest/PCBs	Surface Water	Grab	6/16/2010	09:05	4 C
	T007-0006-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	09:05	4 C
	T007-1331-100616-SW-1	SVOC	Surface Water	Grab	6/16/2010	10:50	4 C
	T007-1331-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	10:50	HNO3 and 4 C
	T007-1331-100616-SW-1	Pest/PCBs	Surface Water	Grab	6/16/2010	10:50	4 C
	T007-1331-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	10:50	4 C
	T007-1332-100616-SW-1	SVOC	Surface Water	Grab	6/16/2010	11:55	4 C
	T007-1332-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	11:55	HNO3 and 4 C
	T007-1332-100616-SW-1	Pest/PCBs	Surface Water	Grab	6/16/2010	11:55	4 C
	T007-1332-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	11:55	4 C
	T007-SC020-100616-SW-1	SVOC	Surface Water	Grab	6/16/2010	09:55	4 C
	T007-SC020-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	09:55	HNO3 and 4 C
	T007-SC020-100616-SW-1	Pest/PCBs	Surface Water	Grab	6/16/2010	09:55	4 C
	T007-SC020-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	09:55	4 C
	LAST LINE CH. 6/16/10						

Special Instructions:

SAMPLES TRANSFERRED FROM  
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
AI		6/16/10	Chelsea Anderson	6/16/10	14:21		Chelsea Anderson	6/17/10	Kristie Warr	6/17/10	14:17

Sample Temp 10C

# Environmental Protection Agency Region 6 Laboratory

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Page 1 of 1

## CHAIN OF CUSTODY RECORD

R06\_Deepwater\_Grand\_Isle  
Contact Name: Kristie Warr  
Contact Phone: 832-444-7976

No: T0033-100403-100616-0041

Cooler #:   
Lab: U.S. EPA Region 6 Laboratory  
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Preservative
	T007-0006-100616-SW-1	SVOC	Surface Water	Grab	6/16/2010	09:05	4 C
	T007-0006-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	09:05	HNO3 and 4 C
	T007-0006-100616-SW-1	Pest/PCBs	Surface Water	Grab	6/16/2010	09:05	4 C
	T007-0006-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	09:05	4 C
	<del>T007-1331-100616-SW-1</del>	<del>SVOC</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>10:50</del>	<del>4 C</del>
	<del>T007-1331-100616-SW-1</del>	<del>Total Metals</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>10:50</del>	<del>HNO3 and 4 C</del>
	<del>T007-1331-100616-SW-1</del>	<del>Pest/PCBs</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>10:50</del>	<del>4 C</del>
	<del>T007-1332-100616-SW-1</del>	<del>Toxicity</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>11:55</del>	<del>4 C</del>
	<del>T007-1332-100616-SW-1</del>	<del>SVOC</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>11:55</del>	<del>4 C</del>
	<del>T007-1332-100616-SW-1</del>	<del>Total Metals</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>11:55</del>	<del>HNO3 and 4 C</del>
	<del>T007-1332-100616-SW-1</del>	<del>Pest/PCBs</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>11:55</del>	<del>4 C</del>
	<del>T007-1332-100616-SW-1</del>	<del>Toxicity</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>11:55</del>	<del>4 C</del>
	<del>T007-SG020-100616-SW-1</del>	<del>SVOC</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>09:55</del>	<del>4 C</del>
	<del>T007-SG020-100616-SW-1</del>	<del>Total Metals</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>09:55</del>	<del>HNO3 and 4 C</del>
	<del>T007-SG020-100616-SW-1</del>	<del>Pest/PCBs</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>09:55</del>	<del>4 C</del>
	<del>T007-SG020-100616-SW-1</del>	<del>Toxicity</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>09:55</del>	<del>4 C</del>
	<i>Last line at 6/16/10</i>						

Special Instructions:

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
AKC	<i>[Signature]</i>	6/16/10	<i>[Signature]</i>	6/16/10	19:21		<i>[Signature]</i>	6/17/10	Christy Johnson	6/17/10	14:19

*Sample Temp = 0°C  
"not frozen"*

# Environmental Protection Agency Region 6 Laboratory

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## CHAIN OF CUSTODY RECORD

R06\_Deepwater\_Grand\_Isle  
Contact Name: Kristie Warr  
Contact Phone: 832-444-7976

No: T0033-100403-100616-0041

Cooler #: 3

Lab: U.S. EPA Region 6 Laboratory  
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Preservative
	<del>T007-0006-100616-SW-1</del>	<del>SVOC</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>09:05</del>	<del>4 C</del>
	<del>T007-0006-100616-SW-1</del>	<del>Total Metals</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>09:05</del>	<del>HNO3 and 4 C</del>
	<del>T007-0006-100616-SW-1</del>	<del>Pest/PCBs</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>09:05</del>	<del>4 C</del>
	<del>T007-0006-100616-SW-1</del>	<del>Toxicity</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>09:05</del>	<del>4 C</del>
	T007-1331-100616-SW-1	SVOC	Surface Water	Grab	6/16/2010	10:50	4 C
	T007-1331-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	10:50	HNO3 and 4 C
	T007-1331-100616-SW-1	Pest/PCBs	Surface Water	Grab	6/16/2010	10:50	4 C
	T007-1331-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	10:50	4 C
	<del>T007-1332-100616-SW-1</del>	<del>SVOC</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>11:55</del>	<del>4 C</del>
	<del>T007-1332-100616-SW-1</del>	<del>Total Metals</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>11:55</del>	<del>HNO3 and 4 C</del>
	<del>T007-1332-100616-SW-1</del>	<del>Pest/PCBs</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>11:55</del>	<del>4 C</del>
	<del>T007-1332-100616-SW-1</del>	<del>Toxicity</del>	<del>Surface Water</del>	<del>Grab</del>	<del>6/16/2010</del>	<del>11:55</del>	<del>4 C</del>
	T007-SG020-100616-SW-1	SVOC	Surface Water	Grab	6/16/2010	09:55	4 C
	T007-SG020-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	09:55	HNO3 and 4 C
	T007-SG020-100616-SW-1	Pest/PCBs	Surface Water	Grab	6/16/2010	09:55	4 C
	T007-SG020-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	09:55	4 C
	LAST C.O.R. # 6/16/10						

Special Instructions:

SAMPLES TRANSFERRED FROM  
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All		6/16/10	Chelsea Anderson	6/16/10	19:21		Chelsea Anderson	6/17/10	Christy Wilson	6/17/10	14:19

Sample temp = 10C

# Environmental Protection Agency Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099  
Phone: (281) 983-2100 Fax: (281) 983-2248



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## CHAIN OF CUSTODY RECORD

R06\_DeepWater\_Chalmette  
Contact Name: Kristie Warr  
Contact Phone: 713-985-6636

No: T0033-100402-20100616-001

Airbill No: N/A  
Lab: U.S. EPA Region 6 Laboratory  
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative
	T005-C-100616-TB-2	VOCs	Blank	Grab	6/16/2010		3	40 ml VOA	HCL
	T005-SC031-100616-SW-1	VOCs	Surface Water	Grab	6/16/2010	09:15	3	40 ml VOA	HCL
	T005-SC031-100616-SW-1	Toxicity	Surface Water	Grab	6/16/2010	09:15	1	1 Gallon Container	None
	T005-SC031-100616-SW-1	Total Metals	Surface Water	Grab	6/16/2010	09:15	2	500 ml Poly	HNO3

Special Instructions:

SAMPLES TRANSFERRED FROM  
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	<i>[Signature]</i>	6/16/10	<i>[Signature]</i>	6/16/10	20:17		<i>[Signature]</i>	6/17/10	<i>[Signature]</i>	6/17/10	14:19

Sample Temp = 30°C  
30°C





Phone:(281)983-2100  
Fax:(281)983-2248

Sample Temp =  $10^{\circ}\text{C}$

Sample Temp =  $20^{\circ}\text{C}$



Environmental Protection Agency  
**Region 6 Laboratory**

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## Notes and Definitions

A	This sample was extracted at a single acid pH.
HTS	Sample was prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.
AES	Atomic Emission Spectrometer
CVAA	Cold Vapor Atomic Absorption
ECD	Electron Capture Detector
GC	Gas Chromatograph
GFAA	Graphite Furnace Atomic Absorption
ICP	Inductively Coupled Plasma
MS	Mass Spectrometer
NA	Not Applicable
NPD	Nitrogen Phosphorous Detector
NR	Not Reported
TCLP	Toxicity Characteristic Leaching Procedure
U	Undetected
#	Out of QC limits

Initial pressure in air analyses is the pressure at which the canister was received in psia (pounds *per* square inch absolute pressure).

The pH reported for Volatile liquid samples was tested using a 0-14 pH indicator strip for the purpose of verifying chemical preservation.

The statistical software used for the reporting of toxicity data is ToxCalc 5.0.32, Environmental Toxicity Data Analysis System 1994-2007 Tidepool Scientific Software.